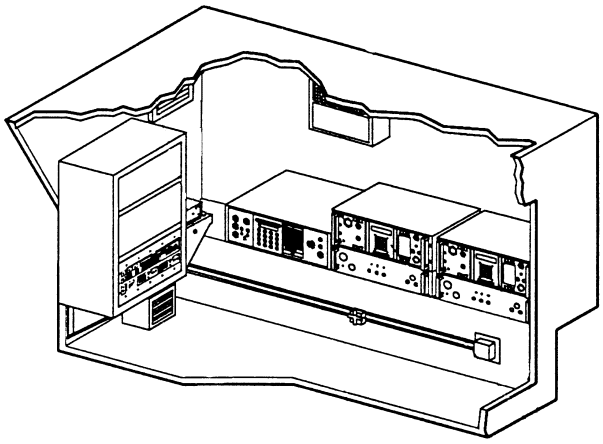
AN/TRC-190 MSE LOS



SYSTEM IDENTIFIERS	
NOMENCLATURE:	AN/TRC-190, Line-Of-Sight (LOS) Multi-Channel Radio Terminal
SSN:	W2870000GCH
LIN:	L69374
NSN:	5820-01-247-0981
AMIM NO:	-----
EIC:	HHD
FUEL TYPE:	-----

SYSTEM DESCRIPTION

The AN/TRC-190 Line-Of-Sight (LOS) radio assembly is a component of the Mobile Subscriber Equipment (MSE) communications network. It consists of a shelter containing two to six AN/GRC-226 radios equipped with digital group multiplexers. The AN/TRC-190 is powered by a PU-751 5kw diesel generator. LOS radios connect all AN/TTC-47 node centers together in a grid network. The network provides automatic switching services to all wire and mobile subscribers. When the LOS grid network is established and functioning, it is capable of delivering wireless communications covering thousands of square kilometers. LOS radios are capable of connecting other MSE components into one continuous grid network.

The list below identifies components associated with the weapon/materiel system.

AN/TRC-190 MSE LOS

LIN	NSN	NOMENCLATURE
G37273	6115-00-033-1373	GEN ST DSL ENG TM: 5KW 60HZ MTD
M11186	5985-01-248-4760	MAST ANTENNA-15 METER: AB-1339/G
M11436	5985-01-249-2581	MAST ANTENNA-30 METER: AB-1340/G
S01427	5411-00-999-4935	SHELTER: NONEXPANDABLE S250
S01427	5411-00-489-6076	SHELTER: NONEXPANDABLE S250

SYSTEM VARIANTS

MDS	LIN	NSN
AN/TRC-190	L69306	5820-01-310-2538
AN/TRC-190	L69374	5820-01-247-0979
AN/TRC-190	L69374	5820-01-309-4649
AN/TRC-190	L69442	5820-01-310-2543
AN/TRC-190	L69442	5820-01-247-0982

This summary provides an overview of FY 95 Total Army operating and support costs and other information for the weapon system. Average cost per system is displayed so the data can be used in performing analytical and cost studies. Average costs are calculated using the end item's density. NET REPARABLES represent the cost with the Major Subordinate Command (MSC) specific credit rates applied (detailed in Section 1 - Overview).

AN/TRC-190 MSE LOS
FY 95 TOTAL ARMY COST SUMMARY
(FY 95 Constant Dollars)

DENSITY

NUMBER OF SYSTEMS	1,997

DEPOT END ITEM MAINTENANCE (5.061)

OMA TOTAL	$0
QUANTITY COMPLETED	0
AVG COST/END ITEM	$0.00
PROC (MODIFICATIONS)	$1,500

CLASS III-POL (5.05)

NOT APPLICABLE

DEPOT SECONDARY ITEM MAINTENANCE

DBOF TOTAL	$0
QUANTITY COMPLETED	0
AVG COST/SECONDARY ITEM	$0.00

CLASS V-AMMUNITION (2.11)

NOT APPLICABLE

INTERMEDIATE MAINTENANCE

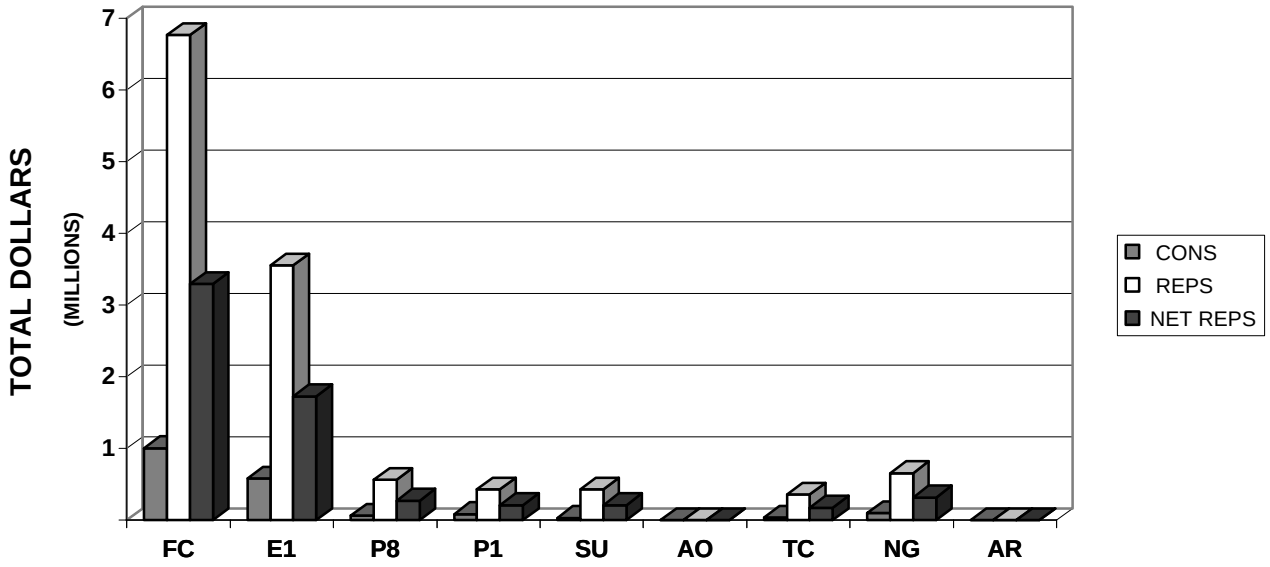
	DS/GS	CIVILIAN
MIL/CIV LABOR COST	$184,250	$1,183,614
AVG COST/SYSTEM	$92.26	$1,695.72
MAINTENANCE MANHOURS	10,851	45,992
MMHs/SYSTEM	5.43	65.89

CLASS IX MATERIEL-PARTS (5.04/5.03)

	FY 95 DOLLARS	AVG COST PER SYSTEM
CONSUMABLES	$1,904,324	$953.59
NET REPARABLES	$6,213,966	$3,111.65
NET TOTAL COSTS	$8,118,290	$4,065.24

The following graph and table display FY 95 Class IX costs for consumables (CONS), reparables, (REPS), and net reparables (NET REPS) by MACOM. CONS and REPS are the total costs of requisitions recorded in the Logistic Intelligence File (LIF). NET REPS are the cost to the customer in the field and are calculated by applying an MSC-specific credit rate at the NSN level. TOTAL ARMY (TA) costs are the summation of costs across all MACOMs in the table. NET TOTAL COSTS are the sums of the costs of CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System - Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the number of systems for each MACOM.

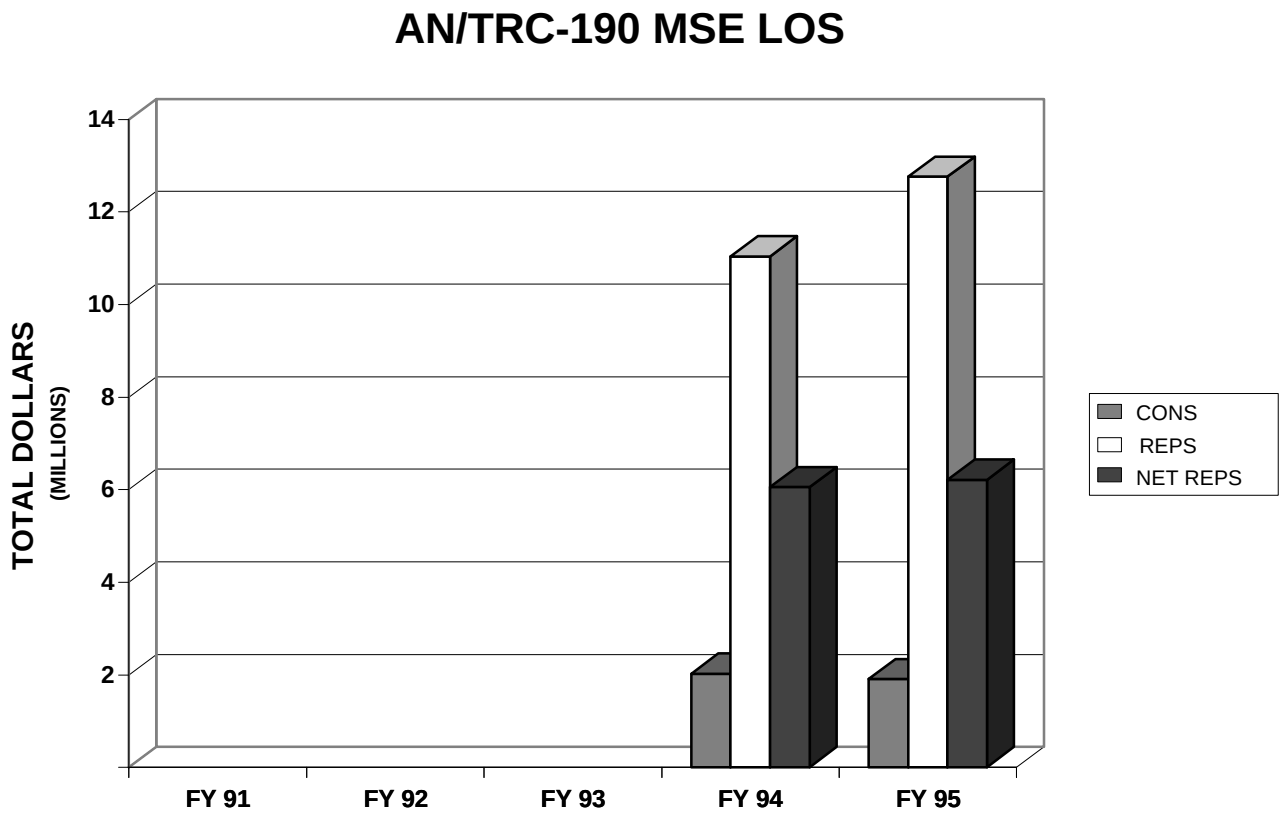
AN/TRC-190 MSE LOS



AN/TRC-190 MSE LOS
FY 95 MACOM CLASS IX COSTS

MACOM CODE	MACOM NAME	CONS	REPS	NET REPS	NET TOTAL COSTS	NUMBER OF SYSTEMS	AVG PER SYSTEMS
FC	FORSCOM	1,006,054	6,765,016	3,294,567	4,300,621	699	6,153
E1	USAREUR	582,631	3,554,339	1,730,961	2,313,592	355	6,517
P8	EUSA	63,108	563,520	274,434	337,542	55	6,137
P1	USARPAC	85,174	430,046	209,431	294,605	37	7,962
SU	USARSO	32,304	430,983	209,888	242,192	19	12,747
AO	USASOC	0	0	0	0	0	0
TC	TRADOC	36,142	357,679	174,189	210,331	29	7,253
NG	ARNG	98,911	658,108	320,496	419,407	803	522
AR	USAR	0	0	0	0	0	0
TA	TOTAL ARMY	1,904,324	12,759,691	6,213,966	8,118,290	1,997	4,065

The following graph and table display FY 91-95 Class IX costs for consumables (CONS), reparables (REPS) and net reparables (NET REPS) by Total Army. The Total Army costs are a summation of all the MACOMs displayed on the previous page. CONS and REPS are the total costs of requisitions recorded in the Logistic Intelligence File (LIF). NET REPS are the cost to the customer in the field and are calculated by applying an MSC-specific credit rate at the NSN level. NET TOTAL COSTS are the sums of the costs of CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System - Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the number of systems in the Total Army for the fiscal year. Blank rows indicate system was not tracked in the OSMIS database during that fiscal year.



AN/TRC-190 MSE LOS FIVE YEAR TOTAL ARMY CLASS IX COSTS						
FISCAL YEAR	CONS	REPS	NET REPS	NET TOTAL COSTS	NUMBER OF SYSTEMS	AVG PER SYSTEMS
FY 91						
FY 92						
FY 93						
FY 94	2,023,527	11,043,805	6,052,009	8,075,536	2,017	4,004
FY 95	1,904,324	12,759,691	6,213,966	8,118,290	1,997	4,065

The Total Army Class IX costs from the previous pages are broken out by Work Breakdown Structure (WBS) in the following table. The FY 95 WBS Class IX costs for consumables (CONS) and reparables (REPS) are the total cost of requisitions recorded in the Logistic Intelligence File (LIF). The NET REPS are the cost to the customer in the field and are calculated by applying an MSC-specific credit rate at the NSN level. The TOTAL costs are a summation of all the WBS elements displayed in the table. NET TOTAL COSTS are the sum of the costs in CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System-Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the total number of systems in the Army.

AN/TRC-190 MSE LOS
FY 95 TOTAL ARMY WORK BREAKDOWN STRUCTURE COSTS

WBS	NAME	CONS	REPS	NET REPS	NET TOTAL COSTS	NUM OF SYSTEMS	AVG PER SYSTEM
01	FRONT END (SENSOR)	0	0	0	0	0	0
02	PROCESSING (ADPE)	0	0	0	0	0	0
03	COMMUNICATIONS	1,509,746	9,830,761	4,787,577	6,297,323	1,997	3,153
04	PERIPHERALS	0	0	0	0	0	0
05	ENVIRON SUPPORT	124,755	1,135,989	553,226	677,981	1,997	339
06	APPS SOFTWARE	0	0	0	0	0	0
07	SYST SOFTWARE	0	0	0	0	0	0
08	INTEG, ASSY, TEST	0	0	0	0	0	0
09	OTHER	269,823	1,792,941	873,163	1,142,986	1,997	572
	TOTAL	1,904,324	12,759,691	6,213,966	8,118,290	1,997	4,065

The following table displays FY 91-95 Class IX costs by Work Breakdown Structure (WBS) for the Total Army. NET TOTAL COSTS are the summation for all the WBS elements displayed on the previous page and are a sum of the costs of CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System-Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the total number of systems in the Army for the fiscal year. Blank columns indicate system was not tracked in the OSMIS database during that fiscal year.

AN/TRC-190 MSE LOS
FIVE YEAR TOTAL ARMY WORK BREAKDOWN STRUCTURE COSTS

WBS	NAME	FY 91 NET TOTAL COSTS	FY 92 NET TOTAL COSTS	FY 93 NET TOTAL COSTS	FY 94 NET TOTAL COSTS	FY 95 NET TOTAL COSTS
01	FRONT END (SENSOR)				0	0
02	PROCESSING (ADPE)				0	0
03	COMMUNICATIONS				6,504,109	6,297,323
04	PERIPHERALS				0	0
05	ENVIRON SUPPORT				478,652	677,981
06	APPS SOFTWARE				0	0
07	SYST SOFTWARE				0	0
08	INTEG, ASSY, TEST				0	0
09	OTHER				1,092,775	1,142,986
	TOTAL				8,075,536	8,118,290
	NUM OF SYSTEMS				2,017	1,997
	AVG PER SYSTEM				4,004	4,065

AN/TRC-190 MSE LOS
TOP 40 COST DRIVERS
CLASS IX CONSUMABLES (NON-DLRs)

AN/TRC-190 MSE LOS
CONSUMABLES (NON-DLRs)

	NSN	NOMENCLATURE	WBS	MRC	ARI	MATCAT	FY 95 AMDF UNIT PRICE	FY 95 QTY	EXTENDED COST (QTY * UNIT PRICE)	AVERAGE COST PER SYSTEM	AVERAGE QUANTITY PER 100 SYSTEMS	FY 94-95 TWO YEAR AVERAGE QTY	FY 94-95 TWO YEAR AVERAGE EXTENDED COST
1.	5995012876472	CABLE ASSEMBLY,S	03J	F		G21RW	1,275.00	361.21	460,543	230.62	18.0876	346.01	441,156
2.	6140000572553	BATTERY STORAGE	09	F		K21PU	50.26	3,383.75	170,067	85.16	169.4417	3,474.51	174,629
3.	5995012876473	CABLE ASSEMBLY,S	03J	F		G21RW	843.00	161.00	135,723	67.96	8.0621	163.49	137,818
4.	5995012620554	CABLE ASSY,DATA	03J	Z		G22RW	1,737.00	56.56	98,245	49.20	2.8322	78.89	137,023
5.	5985012974145	FEED,BAND 3	03C	Z		G22RW	1,775.00	48.00	85,200	42.66	2.4036	56.50	100,288
6.	4140012571862	FAN,CENTRIFUGAL	05B	Z		E2200	635.88	114.05	72,522	36.32	5.7111	96.61	61,429
7.	5985012642764	SUPPORT,ANTENNA	03C	Z		G22RW	72.79	644.82	46,936	23.50	32.2894	629.95	45,854
8.	5985013079462	BAG	03J	Z		Q2200	429.69	104.55	44,924	22.50	5.2354	91.52	39,325
9.	5995013236462	CABLE ASSEMBLY,I	03J	Z		G2200	372.00	96.13	35,760	17.91	4.8137	83.74	31,149
10.	4140012571863	FAN,CIRCULATING	05B	Z		E2200	1,519.16	23.25	35,320	17.69	1.1642	19.12	29,039
11.	5965013488302	HANDSET	03A	Z		Q2200	358.88	95.88	34,409	17.23	4.8012	93.16	33,431
12.	5995013141262	CABLE ASSEMBLY,P	03J	F		G21RW	764.00	42.50	32,470	16.26	2.1282	48.45	37,016
13.	5985012549562	WINDER STAY ASSY	03C	Z		G22RW	140.00	219.16	30,682	15.36	10.9745	295.87	41,421
14.	5985012549560	WINDER STAY ASSY	03C	Z		G22RW	119.00	256.12	30,478	15.26	12.8252	293.28	34,900
15.	5995013141263	CABLE ASSEMBLY,P	03J	F		G21RW	916.00	31.75	29,083	14.56	1.5899	42.01	38,477
16.	5935011463413	CONNECTOR,PLUG,E	03J	Z		G22RL	128.00	222.19	28,440	14.24	11.1262	291.93	37,367
17.	5985012549561	WINDER STAY ASSY	03C	Z		G22RW	147.00	186.66	27,439	13.74	9.3470	198.94	29,244
18.	5965011283944	HANDSET	03A	Z		Q2200	70.95	357.92	25,394	12.72	17.9229	607.98	43,136
19.	5895012660223	KEYBOARD,DATA EN	03J	Z		G22RW	2,408.00	8.66	20,853	10.44	0.4337	5.28	12,714
20.	5935005778846	CONNECTOR,PLUG,E	03J	Z		Q2200	244.84	85.08	20,831	10.43	4.2604	75.67	18,527
21.	5998011469150	ELECTRONIC COMPO	03J	Z		Q2200	591.18	28.43	16,807	8.42	1.4236	43.27	25,580
22.	5995013258646	CABLE ASSEMBLY,P	03J	F		G21RW	1,554.00	9.04	14,048	7.03	0.4527	7.69	11,950
23.	6160013432518	BATTERY BOX	09	Z		Q24RW	68.11	191.85	13,067	6.54	9.6069	162.47	11,065
24.	5995013344841	CABLE ASSEMBLY,S	03J	F		G24RW	2,244.00	5.34	11,983	6.00	0.2674	2.67	5,991
25.	5920013266143	ARRESTER,ELECTRI	03J	Z		Q2200	312.98	35.75	11,189	5.60	1.7902	30.26	9,471
26.	5995011663612	CORD ASSEMBLY,EL	03J	Z		Q2200	37.25	260.25	9,694	4.85	13.0320	281.97	10,503
27.	5935013326461	CONNECTOR,PLUG,E	03J	Z		Q2200	194.74	49.34	9,608	4.81	2.4707	46.23	9,003
28.	5995012667304	CORD ASSEMBLY,EL	03J	Z		G22RW	126.00	76.14	9,594	4.80	3.8127	90.96	11,461
29.	5999012637665	HIGH VOLTAGE ASS	03J	F		G21RW	1,798.00	5.08	9,134	4.57	0.2544	7.54	13,548
30.	5920012643034	ARRESTER,ELECTRI	03J	Z		G22RW	330.00	27.62	9,115	4.56	1.3831	18.79	6,199
31.	5935013081069	CONNECTOR,ADPT,R	03J	Z		Q2200	61.97	142.02	8,801	4.41	7.1117	124.17	7,695
32.	5998012559975	CIRCUIT CARD ASS	03J	Z		Q2200	66.74	130.27	8,694	4.35	6.5233	90.73	6,055
33.	5120013433326	STRETCHER,WIRE	09	Z		G24RW	12.55	691.32	8,676	4.34	34.6179	703.88	8,834
34.	4020012604912	ROPE,FIBROUS	09	Z		J2200	65.42	121.42	7,943	3.98	6.0801	137.94	9,024
35.	5925012574312	CIRCUIT BREAKER	03J	Z		G22RW	249.00	31.29	7,791	3.90	1.5669	39.97	9,953
36.	5340013602243	CLAMP,LOOP	09	Z		T2200	782.54	9.88	7,731	3.87	0.4947	11.29	8,831
37.	3040012580994	LEVER,TURNING	05G	Z		G22RW	81.58	88.87	7,250	3.63	4.4502	99.88	8,148
38.	5998003321820	CIRCUIT CARD ASS	03J	H	D	G21RQ	229.00	31.46	7,204	3.61	1.5754	46.61	10,673
39.	6340010837816	ALARM,AUDIBLE,LA	05D	Z		J2200	36.32	184.50	6,701	3.36	9.2389	153.63	5,580
40.	5995013141267	CABLE ASSEMBLY,S	03J	F		G21RW	366.00	18.00	6,588	3.30	0.9014	17.00	6,222

NUMBER OF SYSTEMS 1,997	1,656,937	87.0%	TOP 40
NOTE: ROWS MAY NOT CALCULATE DUE TO ROUNDING	247,387	13.0%	OTHERS
	1,904,324		TOTAL

AN/TRC-190 MSE LOS
TOP 40 COST DRIVERS
CLASS IX REPARABLES (DLRs)

	NSN	NOMENCLATURE	WBS	MRC	ARI	MATCAT	FY 95AMDF UNIT PRICE W/O CREDIT	FY 95AMDF UNIT PRICE W/CREDIT	FY 95 QTY	EXTENDED COST W/CREDIT (QTY * UNIT PRICE)	AVERAGE COST (W/CREDIT) PER SYSTEM	AVERAGE QUANTITY PER 100 SYSTEMS	FY 94-95 TWO YEAR AVERAGE QTY	FY 94-95 TWO YEAR AVERAGE EXTENDED COST (W/CREDIT)
1.	6130012529724	CHARGER,BATTERY	09	D	E	G21RW	8,556.00	4,166.77	192.86	803,603	402.41	9.6575	177.31	738,810
2.	5820012620546	RX SIDEWALL ASSY	03E	D	C	G21RW	38,991.00	18,988.62	38.68	734,480	367.79	1.9369	37.78	717,390
3.	5985012620604	DIPLEXER	03C	D	R	G21RW	35,713.00	17,392.23	28.00	486,982	243.86	1.4021	24.00	417,414
4.	5820012620553	RX SIDEWALL ASSY	03E	D	C	G21RW	9,524.00	4,638.19	98.00	454,543	227.61	4.9074	105.00	487,010
5.	6130012620587	POWER SUPPLY	05A	D	C	G21RW	9,622.00	4,685.91	83.95	393,382	196.99	4.2038	72.11	337,901
6.	5820012620552	TX SIDEWALL ASSY	03E	D	R	G21RW	13,069.00	6,364.60	54.00	343,688	172.10	2.7041	55.50	353,235
7.	5998012620610	CIRCUIT CARD ASS	03J	D	E	G21RW	5,028.00	2,448.64	136.42	334,043	167.27	6.8312	110.42	270,367
8.	5820012493951	AMPLIFIER,RADIO	03E	D		G21RW	61,941.00	30,165.27	9.04	272,694	136.55	0.4527	7.39	222,921
9.	5985012620603	DIPLEXER	03C	D	D	G21RW	18,566.00	9,041.64	27.69	250,363	125.37	1.3866	23.93	216,366
10.	5820012620545	TX SIDEWALL ASSY	03E	D	R	G21RW	22,176.00	10,799.71	18.69	201,847	101.08	0.9359	24.73	267,023
11.	5985012544081	ANTENNA	03C	D	E	G21RW	6,225.00	3,031.58	54.00	163,705	81.98	2.7041	42.50	128,842
12.	5998013314117	CIRCUIT CARD ASS	03J	D	D	G21RW	5,159.00	2,512.43	51.53	129,466	64.83	2.5804	37.68	94,656
13.	5820012490356	RECEIVER-TRANSMI	03E	D	C	G21RW	73,164.00	35,630.87	3.00	106,893	53.53	0.1502	6.00	213,785
14.	6130013519089	POWER SUPPLY ASS	05A	D	R	G24RW	4,152.00	2,022.02	36.00	72,793	36.45	1.8027	22.50	45,495
15.	5985012536138	ANTENNA	03C	D	E	G21RW	5,166.00	2,515.84	28.00	70,444	35.27	1.4021	23.37	58,783
16.	6615012620543	DEMODULATOR ASSY	09	D	D	G21RW	4,728.00	2,302.54	30.21	69,560	34.83	1.5128	25.92	59,670
17.	5895013578582	PANEL,CONTROL,EL	03J	D	R	G21RW	8,523.00	4,150.70	16.46	68,321	34.21	0.8242	12.15	50,410
18.	5998013735828	CIRCUIT CARD ASS	03J	D	R	G21RW	1,057.00	514.76	125.92	64,819	32.46	6.3055	69.50	35,773
19.	5998012564441	CIRCUIT CARD ASS	03J	D	C	G21RW	6,120.00	2,980.44	20.89	62,261	31.18	1.0461	20.23	60,279
20.	5805012540334	MULTIPLEXER	03J	D	R	G23RW	70,918.00	34,537.07	1.72	59,404	29.75	0.0861	1.36	46,798
21.	5998013692071	CIRCUIT CARD ASS	03J	D	E	G21RW	2,120.00	1,032.44	56.07	57,889	28.99	2.8077	48.77	50,352
22.	5998013692072	CIRCUIT CARD ASS	03J	D	D	G21RW	2,649.00	1,290.06	43.88	56,608	28.35	2.1973	25.62	33,045
23.	5998012620606	CIRCUIT CARD ASS	03J	D	D	G21RW	4,579.00	2,229.97	23.00	51,289	25.68	1.1517	15.13	33,728
24.	5820012620551	RX SYNTHESIZER A	03E	D	E	G21RW	4,541.00	2,211.47	23.09	51,063	25.57	1.1562	27.18	60,108
25.	5998013578575	CIRCUIT CARD ASS	03J	D	E	G21RW	3,538.00	1,723.01	27.32	47,073	23.57	1.3681	21.89	37,717
26.	6130013281617	POWER SUPPLY	05A	D	R	G21RW	8,569.00	4,173.10	10.67	44,527	22.30	0.5343	8.71	36,348
27.	5998013257040	CIRCUIT CARD ASS	03J	D	R	G21RW	2,481.00	1,208.25	33.93	40,996	20.53	1.6990	25.02	30,230
28.	5841012620549	HF MODULATOR ASS	03J	D	R	G21RW	8,072.00	3,931.06	10.34	40,647	20.35	0.5178	13.52	53,128
29.	5820012620550	TX SYNTHESIZER A	03E	D	C	G21RW	4,338.00	2,112.61	17.49	36,950	18.50	0.8758	20.20	42,664
30.	5820012620547	PRE-MODULATOR AS	03E	D	R	G21RW	4,877.00	2,375.10	12.75	30,283	15.16	0.6385	12.93	30,710
31.	5998013571235	CIRCUIT CARD ASS	03J	D		G24RW	2,409.00	1,173.18	24.44	28,673	14.36	1.2238	15.62	18,325
32.	6130012564423	POWER SUPPLY ASS	05A	D	D	G21RW	4,152.00	2,022.02	14.00	28,308	14.18	0.7011	13.00	26,286
33.	5820012620544	IF ASSY,2ND	03E	D		G21RW	3,174.00	1,545.74	18.07	27,932	13.99	0.9049	10.94	16,903
34.	5998012564439	CIRCUIT CARD ASS	03J	D	R	G21RW	1,375.00	669.63	39.00	26,116	13.08	1.9529	30.00	20,089
35.	5998012620611	CIRCUIT CARD ASS	03J	D	E	G21RW	1,651.00	804.04	31.84	25,601	12.82	1.5944	30.86	24,809
36.	5998012620607	CIRCUIT CARD ASS	03J	D	C	G21RW	1,726.00	840.56	30.06	25,267	12.65	1.5053	24.95	20,972
37.	5998013257038	CIRCUIT CARD ASS	03J	D	E	G21RW	1,895.00	922.87	24.68	22,776	11.41	1.2359	20.08	18,531
38.	5998011203263	CIRCUIT CARD ASS	03J	D		G21RQ	542.00	263.95	85.00	22,436	11.23	4.2564	78.00	20,588
39.	5998011401314	CIRCUIT CARD ASS	03J	L		G21RY	2,021.00	984.23	20.81	20,482	10.26	1.0421	25.73	25,319
40.	5998013300719	CIRCUIT CARD ASS	03J	D	E	G24RW	2,900.00	1,412.30	13.25	18,713	9.37	0.6635	10.49	14,808

NUMBER OF SYSTEMS 1,997	5,846,920	94.1%	TOP 40
NOTE: ROWS MAY NOT CALCULATE DUE TO ROUNDING	367,046	5.9%	OTHERS
	==========		
	6,213,966		TOTAL

The following table summarizes FY 95 Depot Maintenance Costs from the Master File Maintenance (MFM). Depot maintenance costs are displayed by cost elements for end item maintenance and secondary item maintenance. The OTHER cost columns represent work categories such as progressive maintenance, renovation, and fabrication/manufacture.

AN/TRC-190 MSE LOS
FY 95 DEPOT MAINTENANCE COSTS

COST ELEMENTS	END ITEM MAINTENANCE				SECONDARY ITEM MAINTENANCE		
	REPAIR	OVERHAUL	OTHER	MODIFICATION	REPAIR	OVERHAUL	OTHER
CIVILIAN LABOR	0	0	0	0	0	0	0
MILITARY LABOR	0	0	0	0	0	0	0
MATERIEL	0	0	0	0	0	0	0
OVERHEAD	0	0	0	0	0	0	0
CONTRACT	0	0	0	0	0	0	0
OTHER	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0
QTY COMPLETED	0	0	0	0	0	0	0
AVG COST	0	0	0	0	0	0	0

The table below summarizes FY 95 Intermediate Maintenance Costs from the Work Order Logistics File (WOLF) data. The labor hours and labor costs for Direct Support/General Support Intermediate Maintenance (DS/GS) and Civilian Maintenance are displayed by MACOM and Total Army. MACOM DS/GS LABOR COSTS are calculated by multiplying MACOM DS/GS LABOR HOURS by the Army Manpower Cost System (AMCOS) E-5 composite standard rate ($16.98). CIVILIAN LABOR COSTS are a summation from the source data.

AN/TRC-190 MSE LOS
FY 95 INTERMEDIATE MAINTENANCE COSTS

MACOM	DS/GS LABOR HOURS	DS/GS LABOR COSTS	CIVILIAN LABOR HOURS*	CIVILIAN LABOR COSTS*	CIVILIAN LABOR COST/HOUR
FORSCOM	5,419	92,015	45,902	1,181,642	25.74
USAREUR	1,333	22,634			
EUSA	328	5,569			
USARPAC	524	8,898			
USARSO	106	1,800			
USASOC	0	0			
TRADOC	0	0	90	1,972	21.91
ARNG	3,141	53,334			
USAR	0	0			
TOTAL ARMY	10,851	184,250	45,992	1,183,614	25.74

*TRADOC LABOR HOURS and LABOR COSTS include contractor hours and costs.

The following table summarizes FY 91-95 Depot Maintenance Costs. The depot maintenance data are recorded in MFM. FY 95 costs are a summation of the cost elements displayed on the previous page. END ITEM OVERHEAD costs were not separately identified prior to FY 92. Blank columns indicate the system was not tracked in the OSMIS database during that fiscal year.

AN/TRC-190 MSE LOS
FIVE YEAR DEPOT MAINTENANCE COSTS

COST ELEMENTS	END ITEM MAINTENANCE					SECONDARY ITEM MAINTENANCE				
	FY 91	FY 92	FY 93	FY 94	FY 95	FY 91	FY 92	FY 93	FY 94	FY 95
CIVILIAN LABOR				0	0				139,623	0
MILITARY LABOR				0	0				1,129	0
MATERIEL				0	0				6,373	0
OVERHEAD				0	0				190,358	0
CONTRACT				0	0				0	0
OTHER				0	0				5,553	0
TOTAL				0	0				343,036	0
QTY COMPLETED				0	0				543	0
AVG COST				0	0				632	0

The table below summarizes FY 91-95 Intermediate Maintenance Costs from WOLF. The fiscal year total costs for Direct Support/General Support Intermediate Maintenance (DS/GS) and Civilian Maintenance (CIV) are displayed by MACOM and Total Army. MACOM DS/GS labor costs are calculated by multiplying MACOM labor hours by the Army Manpower Cost System (AMCOS) E-5 composite standard rate. DS/GS COST PER HR is the E-5 composite standard rate in FY 95 constant dollars. Civilian labor costs are a summation from the source data. Blank columns indicate the system was not tracked in the OSMIS database during that fiscal year.

AN/TRC-190 MSE LOS
FIVE YEAR INTERMEDIATE MAINTENANCE COSTS

MACOM	DIRECT/GENERAL SUPPORT INTERMEDIATE MAINTENACE (DS/GS)					CIVILIAN MAINTENANCE (CIV)				
	FY 91	FY 92	FY 93	FY 94	FY 95	FY 91	FY 92	FY 93	FY 94	FY 95
FORSCOM				91,263	92,015				1,368,799	1,181,642
USAREUR				93,822	22,634					
EUSA				27,754	5,569					
USARPAC				19,191	8,898					
USARSO				3,974	1,800					
USASOC				0	0					
TRADOC				0	0				0	1,972
ARNG				37,443	53,334					
USAR				0	0					
TOTAL ARMY				273,447	184,250				1,368,799	1,183,614
LABOR HRS				16,030	10,851				49,488	45,992
COST PER HR				17.06	16.98				27.66	25.74

The following list shows the FY 95 Secondary Item - Rebuilds/Overhauls Cost Drivers recorded in the Master File Maintenance (MFM). AVG COST TO REBUILD/OVERHAUL is calculated by dividing the costs in FY 95 TOTAL COST TO REBUILD/OVERHAUL by the FY 95 QTY COMPLETED.

AN/TRC-190 MSE LOS
FY 95 DEPOT SECONDARY ITEM MAINTENANCE - REBUILDS/OVERHAULS
COST DRIVERS

NSN	NOMENCLATURE	FY 95 AMDF PRICE	FY 95 TOTAL COST TO REBUILD/ OVERHAUL	FY 95 QTY COMPLETED	AVG COST TO REBUILD/ OVERHAUL
NO DATA					

The following list shows the FY 95 Secondary Item Maintenance - Repairs Cost Drivers recorded in Master File Maintenance (MFM). AVG COST TO REPAIR is calculated by dividing the costs in FY 95 TOTAL COST TO REPAIR by the FY 95 QTY COMPLETED.

AN/TRC-190 MSE LOS
FY 95 DEPOT SECONDARY ITEM MAINTENANCE - REPAIRS
COST DRIVERS

NSN	NOMENCLATURE	FY 95 AMDF PRICE	FY 95 TOTAL COST TO REPAIR	FY 95 QTY COMPLETED	AVG COST TO REPAIR
NO DATA					

The following list shows the FY 91-95 Secondary Item - Rebuild/Overhaul Cost Drivers recorded in MFM. These five year Cost Drivers were revised from the previous years' report. AVG COST TO REBUILD/OVERHAUL is calculated by dividing the costs in FY 91-95 TOTAL COST TO REBUILD/OVERHAUL by the FY 91-95 QTY COMPLETED.

AN/TRC-190 MSE LOS
FIVE YEAR DEPOT SECONDARY ITEM MAINTENANCE - REBUILDS/OVERHAULS
COST DRIVERS

NSN	NOMENCLATURE	FY 95 AMDF PRICE	FY 91-95 TOTAL COST TO REBUILD/ OVERHAUL	FY 91-95 QTY COMPLETED	AVG COST TO REBUILD/ OVERHAUL
5995-01-121-6623	CABLE ASSEMBLY SPECI	1,383	313,367	476	658
5810-00-434-3644	SPEECH SECURITY EQUI	1,930	29,669	67	443

The following list shows the FY 91-95 Secondary Item - Repair Cost Drivers recorded in MFM. These five year cost drivers were revised from the previous years' report. The AVG COST TO REPAIR is calculated by dividing the costs in FY 91-95 TOTAL COST TO REPAIR by the FY 91-95 QTY COMPLETED.

AN/TRC-190 MSE LOS
FIVE YEAR DEPOT SECONDARY ITEM MAINTENANCE - REPAIRS
COST DRIVERS

NSN	NOMENCLATURE	FY 95 AMDF PRICE	FY 91-95 TOTAL COST TO REPAIR	FY 91-95 QTY COMPLETED	AVG COST TO REPAIR

NO DATA

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